

Powder Metallurgy, by M. Bal'shin,  
M. Rybal'chenko.  
RUSSIAN, op, Ekos Gazeta, No 41,  
10 Oct 1964, p 20.  
\*FTD-RT-66-841

68

M. Bal'shin

sci - Materials  
Oct 66

The Effect of Load on the Process of Isothermal  
Sintering of Metallic Powders, by M. Y.  
Kal'shin, A. A. Trofimova.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,  
Metal i Topliv, No 6, 1961, pp 45-51.

NLL M. 3638

Sci - Min/Metals

2.07.182

Aug 62

Bal'shin, M. Yu.  
DEPENDENCE OF THE MECHANICAL PROPERTIES  
OF POWDERED METALS ON THE POROSITY AND  
THE LIMITING PROPERTIES OF METALLOCE-  
RAMIC MATERIALS. [1960] 6p.  
Order from ATS \$6.75                      ATS-52M47R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1949,  
v. 67, no. 5, p. 831-834.

(Materials--Ceramics, TT, v. 5, no. 8)

61-12756

1. Metal powders--Mechanical properties
  2. Ceramic materials--Porosity
  3. Ceramic materials--Properties
  4. Title: Metalloceramic materials
- I. Bal'shin, M. Yu.  
II. ATS-52M47R  
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Contribution to the Theory of the Powder Metallurgy  
Processes, Communication III, Principles of Rational  
Mixing of Metal Powders and Problems of Cementing, by  
M. Yu. Bal'shin.

*Rey*  
RUSSIAN, Vestnik Metalloprochnosti, Vol XVI, No 18,  
1936.

Specific Methods for the Study of Metal Powder  
Technology, Part II, by M. Yu. Bal'shin.

RUSSIAN, per, Vestnik Metalloproyeniosti,  
Vol XVI, No 18, 1936, pp 82-91.

Brutcher Tr No 1452

R-1794

(NY-1579)

Forty Years of Soviet Powder Metallurgy, by  
M. Yu. Bal'shin, G. V. Samsonov, 19 pp.

RUSSIAN, no per, Metal i Obrabotka Metallov, No 12,  
Moscow, Dec 1957, pp 15-25.

US JPRS/NY-L-224

USSR:

Geo-Metallurgy

Powder metallurgy

67,304

(Comment on V. A. Ivensen's Paper Entitled:  
Investigation of ~~the~~ Process of Density ~~increase~~  
Increase in the Sintering of Single-Phase Metal  
Powder Compacts, by M. Yu. Bal'shin.

*per*  
RUSSIAN, Zhur Tekh Fiz, Vol XVIII, No 10, 1948,  
pp 1332-1335.

Brucher Tr No 2281

Scientific - Min/Metals

15,034  
\$2.90

Mechanical Properties of Metal Powders in Relation to  
Porosity and Limiting Properties of Porous Metal-  
Prestar Materials, by M. Yu. Bal'shin.

*Shice mo*  
RUSSIAN, Ser, Dok Ak Nauk SSSR, Vol LXVII, No 5, 1949,  
pp 831-834.

Bratcher Tr No 2452

Scientific - Min/Metals

\$2.75

*15,033*

Shrinkage and Properties of Powder Compacts as  
Function of Their Density, by N. Yu. Bal'chin.

RUSSIAN, per, Zhurnal Tekh Fiz, Vol XVIII, No 9,  
1948.

Bratcher Tr No 2227

Scientific - Min/Metals

\$4.55

15,032

Some Problems in Hydrostatic Compacting of  
Powders, by M. Yu. Bal'shin, A. P. Dubrovskiy, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,  
1961, pp 332-335.

AIP  
Sov Phys - Dok  
Vol VI, No 1

Sci

160,183

Jul 61

Order Metallurgy Alloys and Pseudoalloys, by M. Yu.  
Bukshin.

*ru*  
USSR, Vestnik Metallopramyshlennosti, Vol XVIII,  
No 4, 1959.

Butcher Tr No 1600

Scientific - Min/Metals

\$7.05

15,031

The Theory of the Process of Pressing (Communication  
IV of "Contribution to the Theory of the Powder  
Metallurgy Processes"), by M. Kal'shin.

RUSSIAN, per, Vestnik Metallurgicheskoi  
Vol XXII, No 2, 1938, pp 124-137.

Brutcher Tr No 1573

Porous Antifriction Iron Produced From Powder  
Method, by M. Yu. Balshin, N. Koroleiko.

RUSSIAN, per, Vest Metall<sup>Optim</sup>, Vol XIX, 1939, ~~6 figures~~

Brutcher Tr No 1300

Scientific - Minerals/Metals  
\$5.60

14,454

Certain Problems of Thermal Stability,  
by M. Yu. Bal'shin, Tai Shou Hwei, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, Metal i Toplivo, No 3, 1961, pp 73-76.  
0472016

FID-TT-61-160

Sci - Eng

*176, 174*

18 Dec 61

The Question of the Theoretical Calculation of  
Surface Tension and Certain Other Characteristics  
Solids and Liquids by M. Yu. Bal'shin, 59 pp.

Russian, per, Byulleten' Instituta Metallokeramiki i  
Spatsaplavov AN SSSR, No 4, 1959, pp 5-37.  
9687642

FTD-37-62-1831

Sci-Fnys  
Nov 63

241,299

Certain Problems in the Theory of the Thermal  
Shock Resistance of Powder Metal Materials,  
by M. Yu. Bal'shin, V. I. Likhtman, 9 pp.

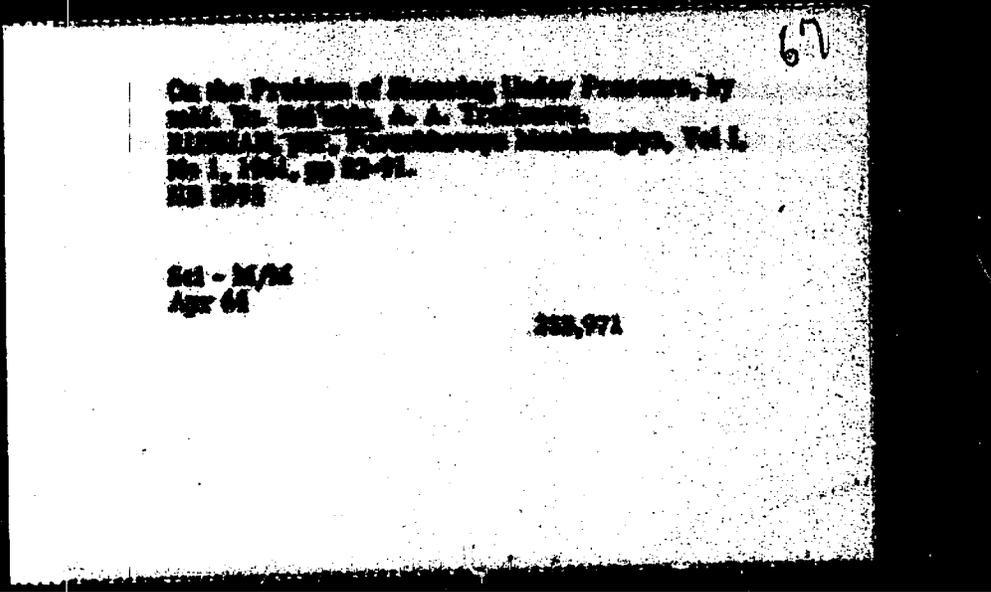
RUSSIAN, bk, Issledovaniya po Zharoprochnym  
Splavam, Vol VIII, Moscow, 1962,

JPRS 16269

Sci - M/M

Nov 62

217,399



ISOTHERMAL SINTERING OF METALLIC POWDERS UNDER  
PRESSURE, BY N. YE. MAL'KHIN, A. A. TRAVIN, 1961,  
15 PP.

RUSSIAN, PER. IZVESTIYA AKADEMII NAUK SSSR,  
OTDELENIYE TEBNOLOGIICHESKOY METALLURGI  
I TOPLIVO, NO 6, 1961, PP 49-51.

APR 1963

SCI - M/M  
APR 63

005-637

SOME ASPECTS OF THE CHEMICAL PRODUCTION OF  
POLYMER, BY H. W. S. SMITH, A. P. HARRINGTON,  
& P. P.

JOURNAL, POLYMER SCIENCE, VOL. CXXVI, NO. 2,  
11 JAN 1961, PP 329-335.

478 1847

PCI-MATERIALS & METALLURGY  
MFR 63

326, 575

CERTAIN PROBLEMS ON THE THEORY OF SINTERING AND CREEP,  
BY M. YU. BALISHIN, 9 PP.

RUSSIAN, BK, ISSLEDOVANIYA PO ZHAROPROCHNYM  
SPLAVAM, VOL IV, 1959, PP 311-316.

JPRS 17499

SCI- CHEM

FEB 63

221,287

THE THEORETICAL CALCULATION OF THE SURFACE  
TENSION AND CERTAIN OTHER CHARACTERISTICS  
OF SOLIDS AND LIQUIDS, BY M. YU. BAL'SHIN,  
A. A. BAYKOV, 66 PP.

RUSSIAN, BK, TRUDY SEMINARA PO ZHAROSTOYKIM  
MATERIALAM, NO 4, 1959, KIYEV, PP 5-37.

JPRS 17447

SCI - PHYS

FEB 63

221,264

Siderite in the Devonian Deposits. of the  
Western Part of Bashkirian ASSR, by V. P.  
Florenskiy and B. V. Bal'shina, 7 pp.

RUSSIAN, per, Dok Ak Nauk: SSSR, Vol XLII,  
No 5, 1957.

SLA R-2655

Sci

Aug 58

72,759

Anti-vibration Properties of a Coupling with  
Flexible Dynamic Links, by M. F. Balshki, G. D.  
Esin, 4 pp

RUSSIAN, per, Vest Mashinostroy, Vol XL, No 1,  
1960, pp 31-35

PERA

Sci  
Apr 61

148,163

(FDD 28966)

Forbidden Intelligence Operations, by Dr. W.  
Halsiger, 14 pp.

(GERMAN, no per, <sup>z</sup>Schweiz A fuer Strafrecht,  
Vol LXVIII, No 1, Switzerland, 1953, pp 47-58.

CIA/FDD U-9026

Wkur - Switzerland  
Pol; Mil  
Oct 56 GIB

40,770

Hydrogenolysis of Homologs of Furan Over Platinum  
Catalysts, by H. I. Shlykin, I. P. Rejchig, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 4,  
1957, pp 621-.

Consultants Bureau

Sci - Chem

Oct 58

74,309

(NY-5233)

The AN-1-50 Voltage Analyzer, by Ya. L.  
Al'terman, M. R. Bal'son, N. A. Val'kovskaya,  
6 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1953.

JPRS 7108<sup>4</sup>  
3

Sci

Jul 61

159,390

(NY-5238)

Instrument Assembly for Measuring Crosstalk  
Attenuation, by G. V. Demyanchenko, Ya. L.  
Al'terman, M. R. Bal'son, S. A. Krasik, 17 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1953.

JPRS 7098

Sci

May 61

154,308

Experiments on Hard Chromium Plating of High  
Speed Tools, by H. Balster, W. Lemcke.

GERMAN, per, Zt Fuer Praktische Metallbearbeitung,  
Vol LII, 1942.

Brutcher Tr 1385

Scientific - Min/Metals      \$3.10

12,957

~~12,957~~

Semiconductor Properties of Sintered Bodies in 116  
the System  $ZnO-TiO_2$ , by P. Balta, F. Oprea.  
HERMANIAN, per, Acad Rep Populare Romania, Studii  
Caracteri Met, Vol 7, 1962, pp 405-414.  
NIS-80-5207

P. Balta

Sci-Phys  
Mar 70

403,200

Balta, P. and Oprea, F.  
SEMICONDUCTOR PROPERTIES OF SINTERED  
BODIES IN THE SYSTEM ZnO-TiO<sub>2</sub>. [1963] 8p  
Order from ATS \$10.00      ATS-53Q72RU

Trans. of Acad[emia] Rep[ublicii] Populare Romine.  
[Centrul de Cercetari Metalurgice]. Studii [si] Cer-  
cetarii [de] Met[alurgie] 1962, v. 7, p. 405-414.

DESCRIPTORS: \*Zinc compounds, Oxides, \*Titanium  
compounds, Sintering, \*Semiconductors.

(Physica--Solid State, TT, v. 11, no. 3)

TT-64-12052

I. Balta, P.  
II. Oprea, F.  
III. ATS-53Q72RU  
IV. Associated Technical  
Services, Inc., East  
Orange, N. J.

5307757

Office of Technical Services

Physicochemical Aspects of the Conditions: 4b  
of Hypomethacryl Preparations,  
by G. GERRARD, H. MITAC, et al. 36 pp.  
ANALISIS, per, Revista de Chemie, Vol XV,  
No 2, 1964, pp 51-101. 9607191  
172-17-64-1121

M. Baltac

sci-1000  
Ann 65

388,246

Kinetics and Reactivity in the Halogenation of  
Aromatic Compounds in the Presence of Metal Halides.  
Communication I. Chlorination with Ferric Chloride  
as Catalyst, by N. N. Lebedev, I. I. Balhadzhi, 8 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 2,  
1961, pp 197-204.

CB

841  
Jun 62

200,115

SECRET

(NY-3131).

Some Conclusions From the Investigations to Determine  
Coal Losses in 1957 and the First Half of 1958, by  
Y. Kunov, P. Baltadzhiev, 13 pp.

BULGARIAN, per, Minno Delo, Vol XIV, No 3, May/June 1958.  
pp 13-22.

JPRS-2025-B

EUR - Bulgaria  
ECON - Fuels and Power  
Dec 59

101, 486

V  
A  
BUTKAS, B. I.  
-  
"A Survey of the  
Electrical Properties  
of Silicon"  
2 pp.

Monthly periodical,  
"Zhurnal Tekhnicheskoy  
Fiziki," Vol II, No 1,  
Jan 50, pp 3 - 26,  
Moscow  
Scientific - Physics,  
silicon, semi-  
conductors

SETEE

(NY-4164)

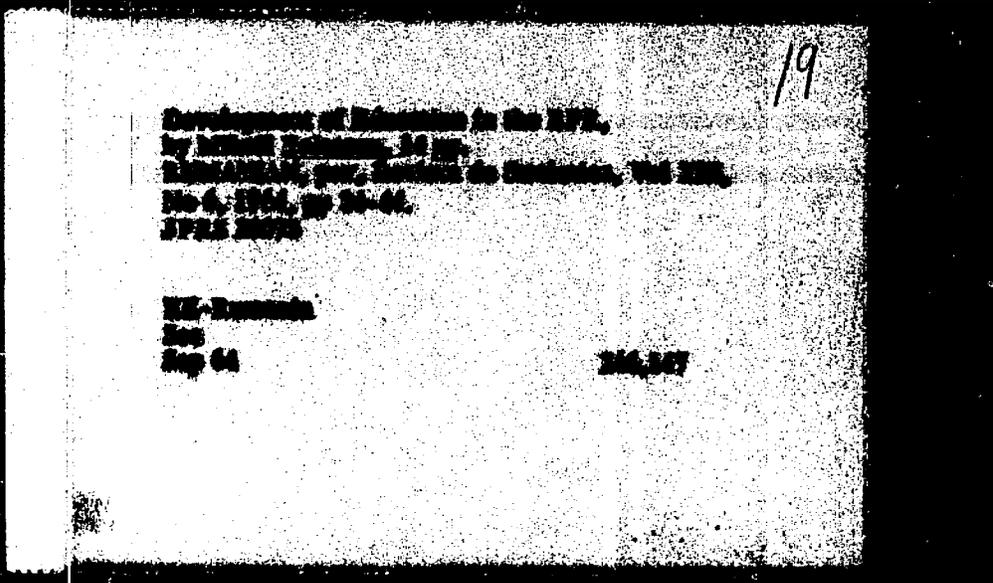
Impoverishment of Ore Mines and Possibilities for  
Reducing It, by Y. Kunen, P. Baltaolzhiev, 14 pp.

BULGARIAN, per, Minno Delo i Metalurgiya, Vol XV,  
No 1, 1960, Sofia, pp 16-22.

JPRS 5536

EEur - Bulgaria  
Econ - Min/Metals, Ores  
Sep '60

125,729



Arc Current and Voltage Surges on Breaking Small  
Inductive Currents in H. V. Systems, by P.  
Baltensperger, P. Schried.

GERMAN, per, Bulletin S. E. V., Vol XLVI, Jan  
1955, pp 1-13.

ASLIB-08125

Sci

Aug 59

95, 233

Ferromagnetism and Antiferromagnetism of the Rare  
Earths, by J. Chevalier, W. Baltensperger, 7 pp.

FRENCH, Job No. 4883a. 9097337

AEC Tr-4866

Sci - Phys  
Apr 62

189,902

Exchange Interaction Between the Conduction  
Electrons of a Superconductor and Paramagnetic  
Ions by Walter Baltensperger, 17 pp.

GERMAN, per, Helvetica Physica Acta, Vol XXXII,  
1959, pp 197-212.

AEC-tr-5978

Sci. - Nuc Sci  
Oct 63

240,274

Phase Composition of the Boronized  
Case on Various (Carbon and Alloy)  
Specs, by M.A. Baltzer,  
I. N. Dukarovich, et al.  
RUSSIAN, per, Metallovedenie i Term.  
Soviet. Sci., No 12, Dec 1964, pp 59-61.  
1965

65

*M. A. Baltzer*

1965  
Sci/ 40  
Jan 65

282,367

The Effect of Slaty Structure on the Properties of  
Carbon Steel, by M. A. Balter, N. M. Grinberg, 3 pp.

RUSSIAN, per, Stal, No 3, 1961, pp 271-273.

BISI

165,209

Sci

Aug 61

Roentgen Diagnosis of Tumors of the Breast  
Without the Use of Contrast Media, by  
S. A. Bal'ter, 4 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 6,  
1961.

Elsevier Pub. Co.

Sci

May 62

195,896

The Ship Attacks the Sky, by A. Golikov,  
Dr. Bal'terments, 10 pp.  
RUSSIAN, per, Geonok, No 26, 1968, pp 4-7. ?  
PI00068567  
FTD TT 65-1230

*Dr. Bal'terments*

USSR/mil  
Mar 67

320,720

Molecular Structure of Fat Acids, by J. Baltes.  
UNCLASSIFIED

*per*  
Fette  
GERMAN, ~~HEHE~~ und Seifen, Vol LII, No 7, 1950,  
pp 429-434.

QMB Tr  
QMT-224

Nov. 1951 CTS

12,950  
Scientific - Chemical

~~XXXXXXXXXX~~

Life History of the Four Largest Kinds of Pyramidal  
Cells in the Fifth Layer of the Human Area Giganto-  
pyramidalis, by K. Balthasar, 64 pp.

GERMAN, per, Journal fuer Hirnforschung, Vol I,  
No 4/5, 1954, pp 282-324.

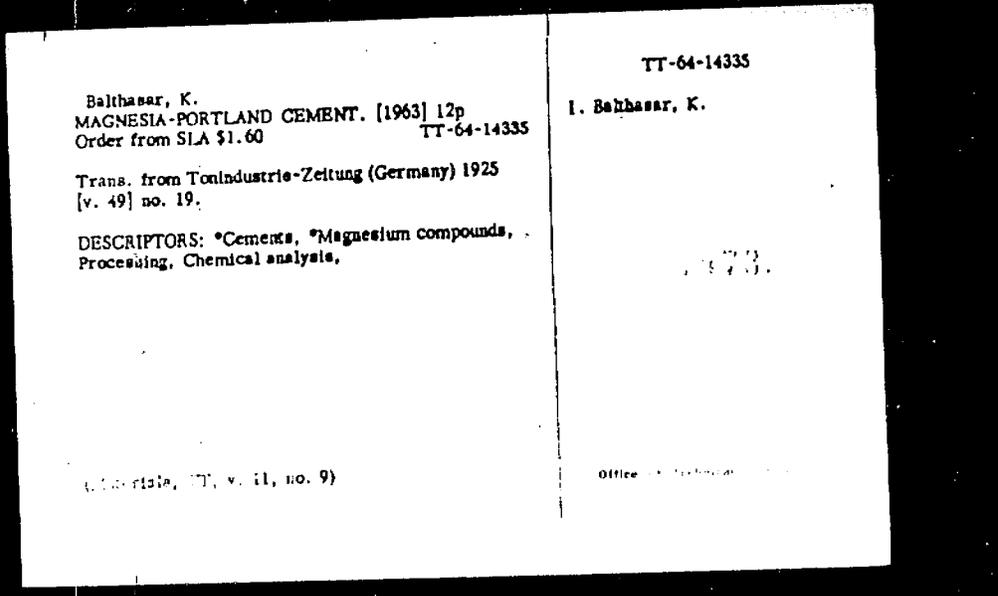
NIH Tr 5-35

SEA 57-1180

48,047

Sci - Med

May 57



Anatomy and Life History of the Giant Cells and  
Large Pyramid Cells in the Area Gigantopyramidalis,  
by K. Balthasar, 25 pp.

GERMAN, per, Nervenarzt, Vol XX, 1949, pp 490-497.

NIH 3-22

SLA 57-229

45,760

Sci - Medicine  
Apr 57 CTS/dex

Morphology of the Spinal Tibial and Peroneal  
EM Nuclei in the Cat; Topography, Architecture,  
Course of Axons and Dendrites of Motor and  
Intermediary Neurons in the Segments of L<sub>6</sub>-S<sub>2</sub>,  
by Karl Balthasar, 33 pp.

GERMAN, per, Archiv fuer Psychiatrie und  
Zeit Neurologie, No 188, 1952, pp 345-378.

NIH 11-24-62  
(Loan)

Sci - Med

Jan 63

Balthasar, Karl.

MORPHOLOGY OF THE SPINAL TIBIAL AND PERONEAL NUCLEI IN THE CAT: TOPOGRAPHY, ARCHITECTURE, COURSE OF AXONS AND DENDRITES OF MOTOR AND INTERMEDIARY NEURONS IN THE SEGMENTS L6-S2 (Morphologie der Spinalen Tibialis und Peroneus Kerne bei der Katze). [1962] 33p. (figs. tables refs. omitted).  
Order from SLA \$3. 60

62-20438

Trans. of Arch[iv] f[ür] Psych[iatrie und Nervenkrankheiten] (Germany) 1952, v. 188, p. 345-378.

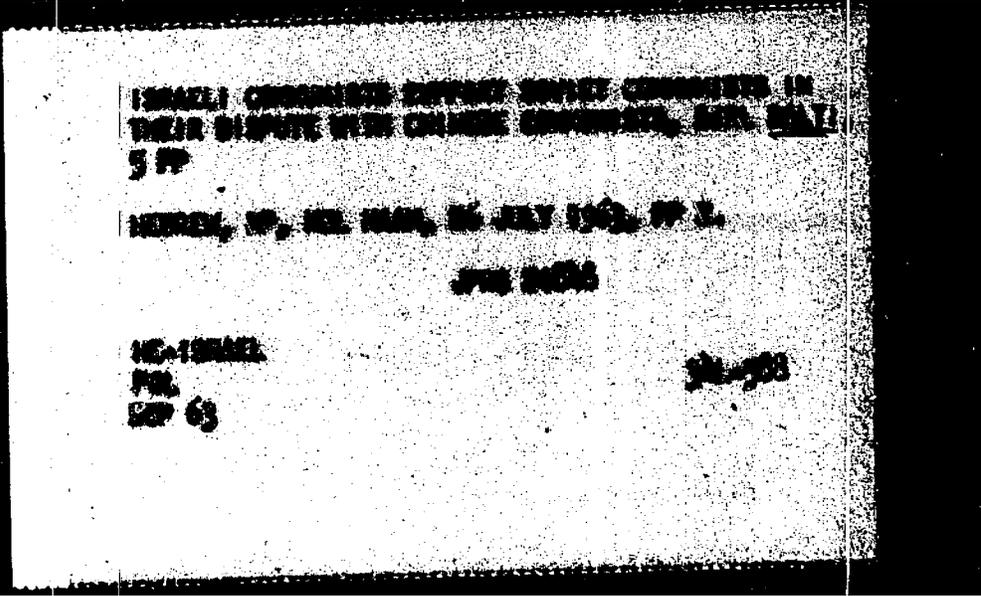
DESCRIPTORS: \*Morphology, Histology, Nerves, Legs, \*Spinal cord, \*Nerve cells, \*Nuclei (Biology), Motor reactions.

(Biological Sciences--Anatomy, TT, v. 9, no. 11)

62-20438

I. Balthasar, K.  
II. Title: Topography ...

Office of Technical Services



(DC-3801)

Israeli Communist Leader Discusses Vienna, Evian  
and Geneva Talks, by Berl Balti, 4 pp.

HEBREW, np, Kol Haam, 9 Jun 1961, p 2.

JPARS 12497

NR/A - Israel  
Pol  
Feb 62

185,009

INTERNATION LIBERAL CONGRESS TEL AVIV,  
3-4 JANUARY 1963, 7 PP, by Berl Balti.  
HEBREW, NP, KOL HAAM, 18 JAN 1963, PP 3, 8.

JPRS 17570

WW - INTERNAKTIONAL  
POL  
FEB 63

222,286

(D2-3801)

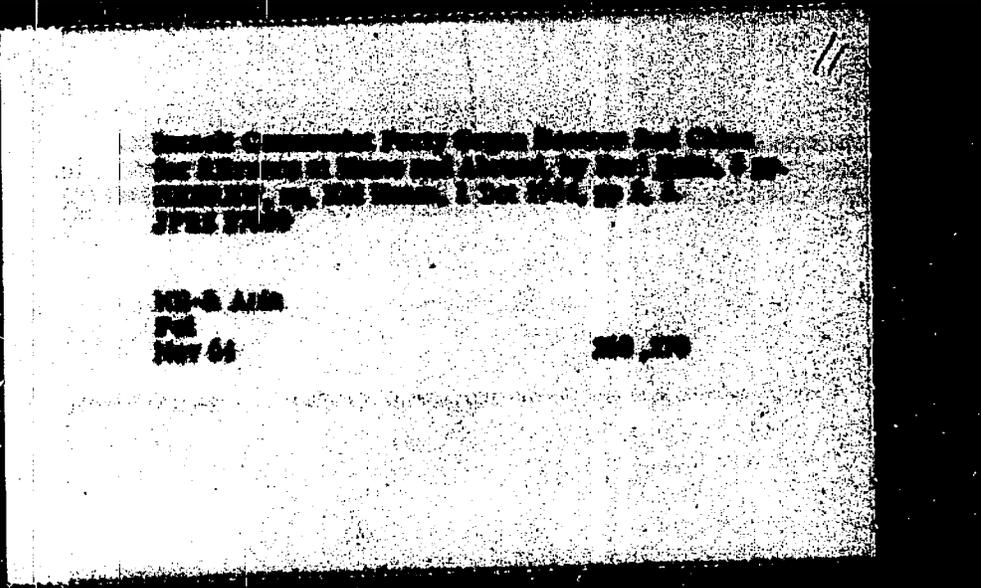
A New Phase in the Development of World  
Socialism, by R Deri Balti, 6 pp.

GREEN, up, Vol II, 3 Mar 1961.

JPRS 10383

ME/A - Israel  
POL  
Nov 61

174, 494



8

**Concept and Essential Elements of Material Liability  
of Employed Persons, by Alexander Babin. In SP-  
SHERBOURGAZEAN, par. Socialism Politics, No. 4,  
1964, pp 459-471.  
JPRS 14709**

**EE-Yugoslav  
Sec  
Dec 64**

**200,425**

(NY-6440/7)

Memorandum on Inspection Examination From the  
Administration of Inspection, by H. Krstic,  
J. Baltic, 21 pp.

CRAO  
CROATIAN, per, Nova Administracija, Vol IX, No 4,  
1961, pp 346-358.

JPRS 9976

166,391

EEur - Yugoslavia

Foot

Curricula of the Higher Medical Schools, by  
V. A. Baltiyakiy, I. M. Starobinskiy, 62 pp.  
RUSSIAN, bk, Moscow, 1957.

HIH RSTP 0-7

OTS 62-11161 (#1.75)

Sci - Med

Jun 60

117,348

S-4194

DC-1846

Medical Cadres, Their Preparation and Advanced  
Training, by V. A. Baltiyskiy, A. I. Golybov,  
A. P. Zhyuk, V. V. Yermakov, I. M. Starobinskiy.  
50 pp.

~~Медицинские~~, 60, Sorok Let Sovetskogo Zdravookhra-  
neniya, Moscow, 1957, pp 359-406.

US JPRS/DC-L-1019

USSR  
Sci - Medicine  
Dec 58

69,950

125

Measuring the Fluxes of Filtered Radiation of  
a Reactor, by K. K. Baltuzov & D. Ya. Gubstova.  
RUSSIAN, per. AN LATSR, Inst Fiziki, Radi-  
atsionnaya Fizika, 1964, pp 51-54.  
P100916068-F  
FTD-MT-65-370

*K K Baltuzov*

Sci/Nuc Sci  
Feb 68

349,522

98

Electrical Conductivity of Cadmium Oxide in  
High-Frequency Electrical Fields, by  
R. A. Baltruskytis & P. P. Brusilovskiy, 7 pp.  
RUSSIAN, per, Interviv Fizicheskij Sbornik,  
No 4, 1964, pp 537-541.    P100072768-V  
FTD-HT-23-657-67

*R. A. Baltruskytis*

Sci/Phys  
May 68

356,773

The Effect of Level Quantization Upon the  
Dynamic Processes in Digital Automatic ~~SYSTEM~~  
Systems With Continuous Signal Transmission,  
by A. V. Baltrushevich, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, Energet i Avtomat, No 4, 1961, pp 191-  
196. 9678073

FTD-TT-62-891

211, 076

Sci - ~~ENGR~~ Engr  
Sep 62

(DC-4700)

Bonuses to Workers of Machine-Building  
Enterprises for Reducing Rejects and  
Saving Materials and Tools, by  
I. Baltrushevich, D. Meerzon, 13 pp.

RUSSIAN, ~~EEK~~ per, Byul Nauch Informatsii:  
Trud i Zarabotnaya Plata, No 11, 1961,  
pp 51-56.

JPRS 13136

190,897

USSR  
Econ  
Apr 62

(DC-4700)

A Report on the Problem of Material Incentives  
for Workers to Improve Indicators of Quality;  
by I. Baltrushevich, 12 pp.

RUSSIAN, per, Dyal nauuch Informatsii: Trud i  
Trabotnaya Plata, No 6, 1961, pp 56-61.

JPRS 10364

USSR  
Econ  
Nov 61

173,896

ISRAELI COMMUNISTS PROTEST BANXNING OF ALGERIAN  
COMMUNIST NEWSPAPER, BY BERL BALTY, 6 PP.

HEBREW, NP, KOL HAAM, 7 DEC 1962, P 2.

JPRS 17153

ME - ISRAEL  
POL  
JAN 63

219,674

THE AFRICAN UNION CONFERENCE IN NAIROBI AND  
AN ISRAELI COMMUNIST VIEW, BY HERMAN BALTZ, 10 PP  
E HERMAN, MP, NAIROBI, 25 MAY 63, PP 2.

JRS 2305

NE-ISRAEL  
POL  
JUL 63

235,396

CONTRIBUTION TO THE PROBLEM OF A SUITABLE  
DRIVE FOR COLD ROLLING REELS, BY W. E.  
BALTZ.

GERMAN, PER, STAHL UND EISEN, VOL LXXIII,  
22 OCT 1953, PP 1404-1409.

BISI 2395

SCI - ENGR

NOV 61

172,265

Back-Blocking in Two-Stage Preselection and Direct  
or Indirect Handling of Calls in the Mix and Connect  
Finder Switches. An Investigation with the Aid of  
Que Probability Theory, by J. Baltzer, 11 pp.

GERMAN, manuscript.

SLA 58-306

Sci

Aug 59

93,712

The Problem of the Thromboplastin Activity of  
the Blood, by V. P. Baluda, V. V. Chernaya,  
4 pp.

RUSSIAN, per, Byul' Eksper Biol i Med, Vol LX,  
No 4, 1961, pp 39-42.

CB

Sci

Jun 62

200,483

The Presence of a Heparin Inhibitor in the  
Red Blood Cells, by V. P. Baluda, N. A.  
Gorbunova, 4p.

RUSSIAN, per, Byul' Eksper Biol i Med, Vol XLVII,  
No 6, 1959, pp 48-51.

Consultant's Bureau

Sci  
Feb 60

107,755

Presence of Components of Thromboplastin<sup>H</sup> in  
Erythrocytes, by V. P. Baluda, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIV,  
No 9, 1957, pp 1027-9.

Consultants Bureau

Sci - Medicine  
Jul 58

66,238

Apr 61

(DC-5131)

Budget Law and Health Institutions, by Milan  
Balugdzic, 11 pp.

SERBIAN, per, Socijalna i Zdravstvena Politika,  
Vol XIII, No 7/8, 1960, pp 20-30.

JPRS 6989

EEur - Yugoslavia

Soc

145,104

New Data on the Geologic Structure and  
Development of the Donbas Periphery, by N. F.  
Balukhovskiy, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog,  
No 2, 1959, pp 96-106.

Amer Geolog Inst

Sci

132,5247

Nov 60

Discussions on the Problems of the Petroleum Geology  
and Their Solutions, by N. F. Balukhovskiy.

RUSSIAN  
~~GERMAN~~, per, Neft Khoz, Vol XXXIII, No 12, 1955,  
pp 45-52.

35,625

Tech and Comm Tr  
\$87.00

Scientific - Geophysics; Fuels

So-called Mucous Cysts, by L. Balus. 13p. 49  
HUMANIAN, per, Stomatologia, Vol 11, No 4,  
1964, pp 315-323.  
Dept of Navy S045/HMG 1155

*L. Balus*

Sci-B&M  
Dec 66

315,582

The Effect of Day-Length and Temperature on the Annual  
Life Cycle of Fagus Silvatica L. and Abies Alba Mill.  
Seedlings, by S. Balut, 41 pp.

POLISH, per, Ekologia Polska, Vol IV, No 8, Series A,  
1956, pp 225-292. 9077229

OTS 60-21248  
PL-480

Sci - Biol  
Jul 61

159,932

Balut, S.

Der Einfluss Der Tageslange Un Der Temperatur Auf  
Den Verlauf Des Einjahringen Lebanszyklus Der  
Samlinge Fagus Silvatica L. Und Abies Alba

GERMAN, per, Mill. Ekol. Polska, Ser. A. 4(8), 1956,  
pp. 225-292.

\*PL 480  
OTS 60-21248

1961

The Annual Life Cycle of Scots Pine and Common  
Spruce Seedlings Under Continuous Illumination, by  
Stanislaw Balut, Włodzimierz Zelewski, 4 pp.

POLISH, per, Sylwan, Vol 10, No 6, 1955, pp 501-504.  
0094500

OTS 60-21360  
PL-480

*176,975*

Sci - Biol

Dec 61

An Attempt to Utilize Photoperiodical Phenomena  
in Investigations of the Step-Wise Development of  
Ligneous Plants, by Stanislaw Balut, 6 pp.

POLISH, per, Sylwan, Vol XCVIII, No 3, 1954, pp 193-199.  
9077228

~~Marked~~

OTS 60-21250  
FL-480

Sci - Biol  
Jul 61

159,947

The Average Number of Neutrons per Fission Event in  
the Photodisintegration of Uranium and Thorium, by  
B. N. Balufev, B. I. Gavrilov, G. N. Zatsepina, L. E.  
Lazareva, 5 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol XXIX,  
~~Mar~~ 1955, pp 280-285. CIA C 41569  
Sep

American Inst of Physics

Scientific - Physics  
May 56 CTS/dex

33,566

(SF-1556)

On Medicinal Means of Prevention and Treatment of  
Premature Aging, by D. F. Chebotarev, S. I. Baluyev,  
12 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 10, 1960,  
Pp 3-12.

JPRS 4518

Sci - Med

150,421

May 61

Electrical Equipment of the Soviet Corps of  
Engineers, 4 pp. by V. K. Baluyev.

RUSSIAN, monograph, Razvitiye Voyenno-  
Inzhenernoy Elektrotekhniki, Chap XII,  
1958, pp 129-133.

AF 1256173

Sci - Electronics  
Engr  
Electricity

105,248

Jan 60

82  
Preventing the Corrosion of Air Preheaters After  
Conversion of Boilers to Natural Gas Operation,  
By S. A. Potrosyan, P. N. Salyaer.  
RUSSIAN, per, Elektr Stantsii, Vol 30, No 10,  
1959, pp 20-22.  
MLL Ref: 9022.09 (4611)

P. N. SALYAEV

Sci-Nat  
Aug 68

363.553

The MV-3 Vacuum Monochromator, by M. E. Akopyan,  
I. I. Balyakin, 3 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 6, 1961,  
pp 96-99.

ISA

Sci

213,352

Oct 62

Synthetic Studies in the Field of Vitamins of  
Group B<sub>6</sub>. I. Synthesis of 2-Methyl-3-Hydroxy-  
4-Methoxymethyl-5-Hydroxymethyl-Pyridine, by  
M. V. Balyakina, E. S. Zhdanovich, N. A.  
Preobrazhenskiy, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol. XXXI, No. 2,  
1961, pp 542-543.

CB

Sci

189,175

Mar 62

(NY-6978)

SYNTHETIC STUDIES IN THE FIELD OF VITAMINS OF  
GROUP B<sup>6</sup>, BY M. V. BALYAKINA, YE. S. ZHDANOVICH,  
ET AL, 4 PP.

RUSSIAN, PER, ZHUR OBSH KHIM, VOL XXXI, NO 3,  
1961, PP 2983-2984.

JPRS 13630

SCI - CHEM  
MAY 62

103,373

The Action of Inhibitors in the Catalytic Hydro-  
genation of Some Acetylenic and Ethylenic Alcohols, II,  
by Kh. V. Balyan, 11 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXI, No 4,  
1951, Apr 1951, 720-729.

Consultants Bureau  
~~XXXXXXXXXXXXXXXX~~

Scientific - Chemistry

15,027

The Action of Inhibitors in Catalytic Hydrogenation  
With Palladium. III., by Kh. V. Balyan, 6 pp.

RUSSIAN, so per, Zhur Obshch Khim, Vol XIII, No 4, 1951,  
Apr 1951, pp 729-735.

Consultants Bureau  
~~SECRET~~

Scientific - Chemistry

15,028

Hydrogenation of Unsaturated Compounds in the  
Presence of Colloidal Palladium. XV. Hydrogenation  
of Some Oxygen-Containing Acetylene Compounds, by  
Kh. V. Bal'yan. 10 pp.

RUSSIAN, per Zhur Obshch Khim,  
Vol XXXI, No.1, 1961, pp. ~~17-27~~  
28-34

CB

Sci

192, 279

Mar 62

Hydrogenation of Unsaturated Compounds in the  
Presence of Colloidal Palladium. XIII.  
Hydrogenation of Carbocyclic Enyne Hydrocarbons,  
by Kh. V. Bal'yan, N. A. Borovikova, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,  
1959, pp 2882-2888.

CB

Sci

129,276

Sep 60

Investigations of Conjugated Systems XCVIII.  
Telomerization of Butadiene With Crotyl Chloride  
and 3-Chloro-1-Butene, by A. A. Petrov, Kh. V.  
Bal'yan, L. I. Bunina-Krivorukova, T. V. Yakovleva,  
11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,  
1959, pp 1576-1587.

Consultants Bureau

Sci

Jul 60

120,461

Investigation in the Field of Conjugated  
Systems. LXXII. Hydrogenation of Alkenylace-  
tylenes, by Kh. V. Balyan, A. A. Petrov and  
Yu. I. Pokfiryeva, 6 pp.

RUSSIAN, Per, Zhur Obshch Khim, Vol XXVII, No 2,  
1957, pp 365-~~368~~ 369.

Consultants Bureau

Sci - Chem

Jul 58

67,224

Hydrogenation of Unsaturated Compounds in the Presence  
of Colloidal Palladium, XIV. Some Characteristics of  
the Hydrogenation of Disubstituted Allene Hydrocarbons,  
by Kh. V. Bal'yan, A. A. Petrov, N. A. Borovikova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10,  
1960, pp 3247-3252.

CB

171, 733

Sci

Oct 61

RUSSIAN  
Decomposition of Dowtherm "A" on Heating to 550° C,  
by N. V. Bal'yan.

RUSSIAN, per, X Zhur Prik Khim, USSR, Vol XVIII,  
1965, pp 420-424.

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*SV*  
Assoc Services  
New Jersey NJ-54

*15,026*

Scientific - Chemistry

\$9.20 (\$1.25)